

1/20

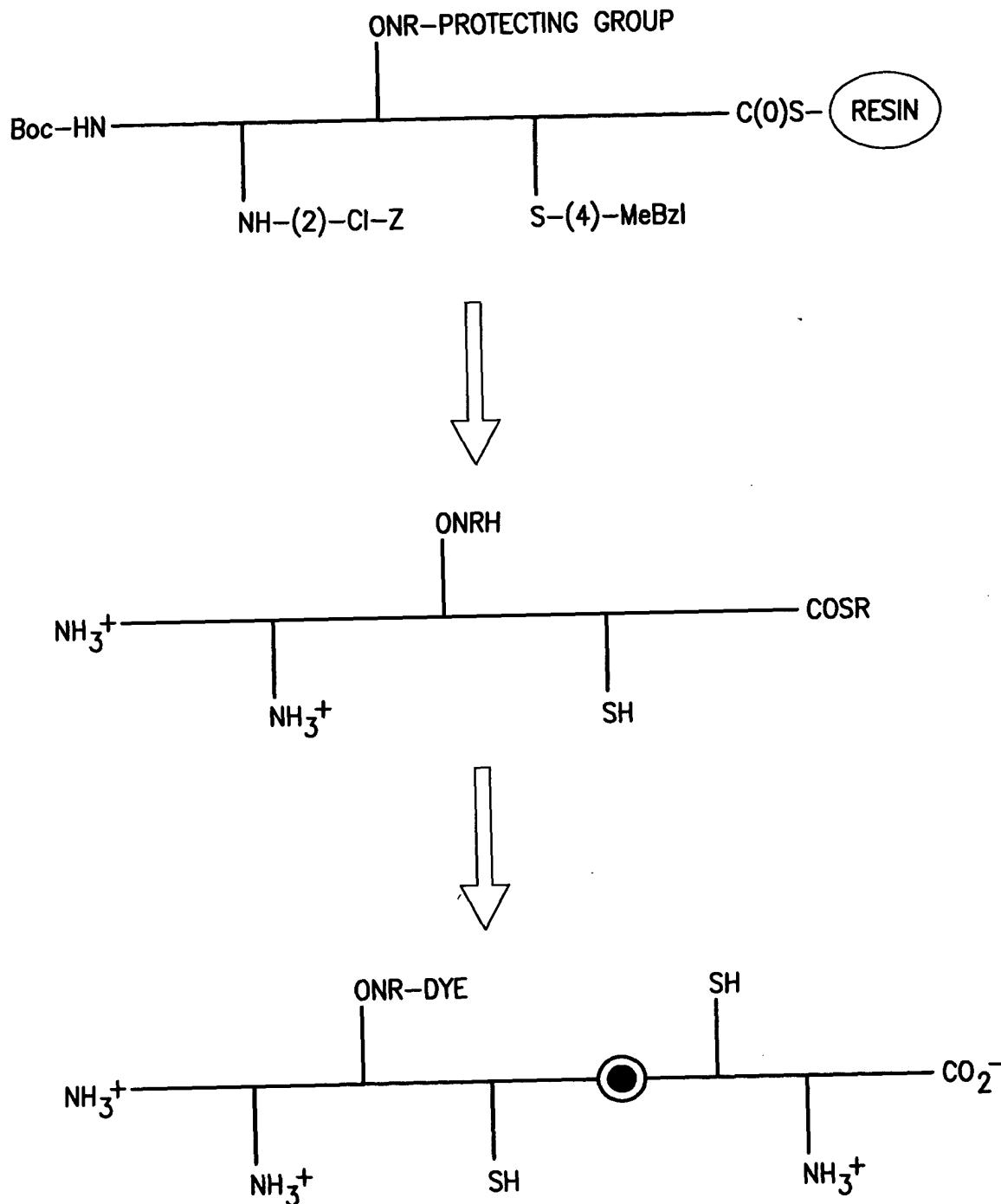


FIG. 1

TITLE: LABELED PEPTIDES, PROTEINS AND ANTIBODIES AND PROCESSES AND INTERMEDIATES USEFUL
FOR THEIR PREPARATION
INVENTORS NAME: Klaus M. Hahn et al.
SERIAL NO.: 09/839,577

2/20

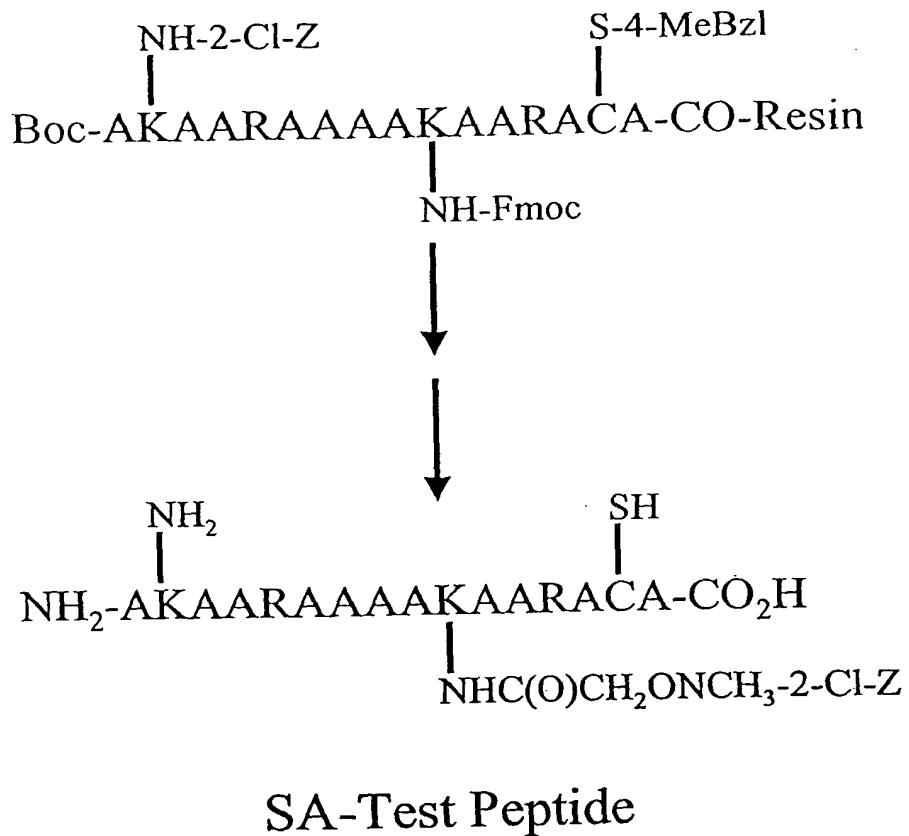


FIG. 2

3/20

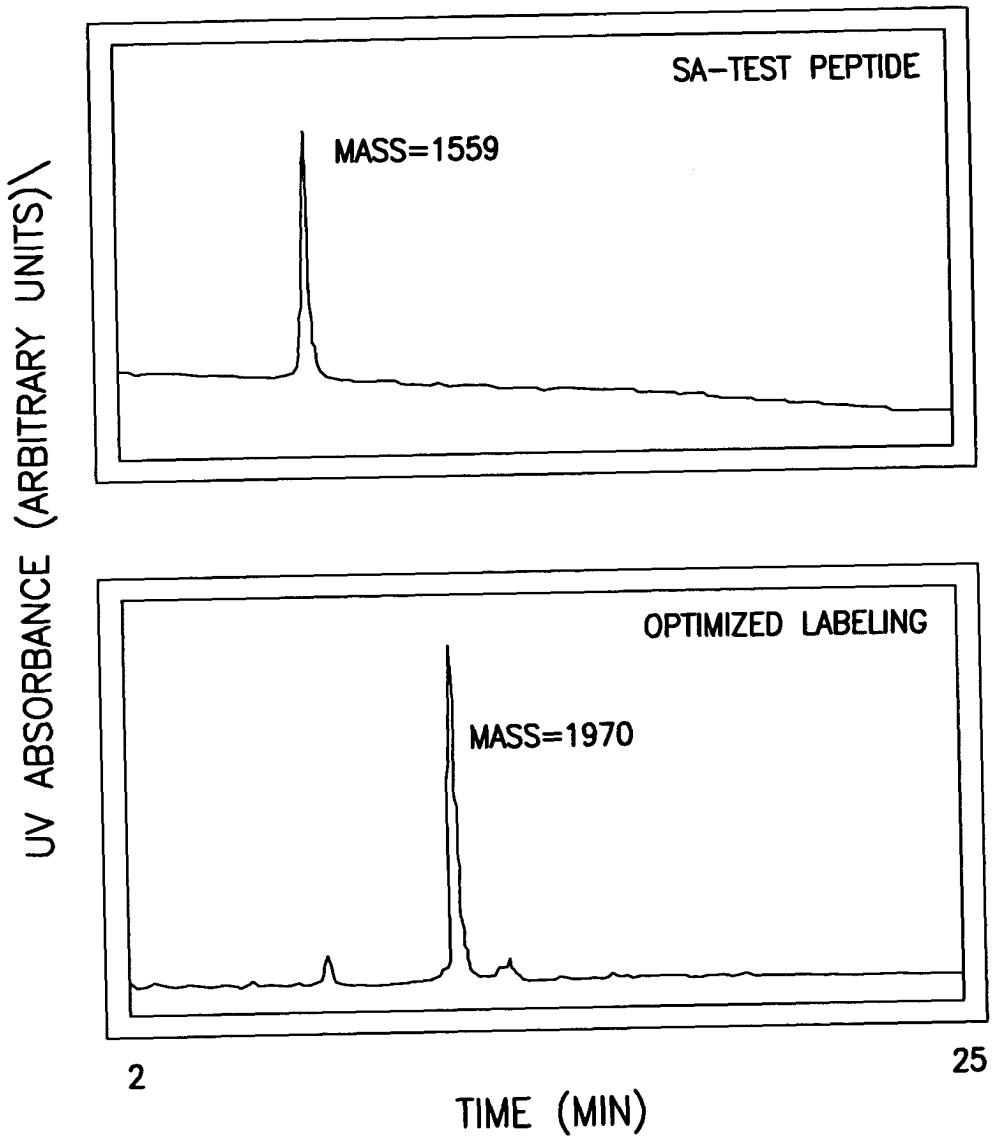


FIG. 3

4/20

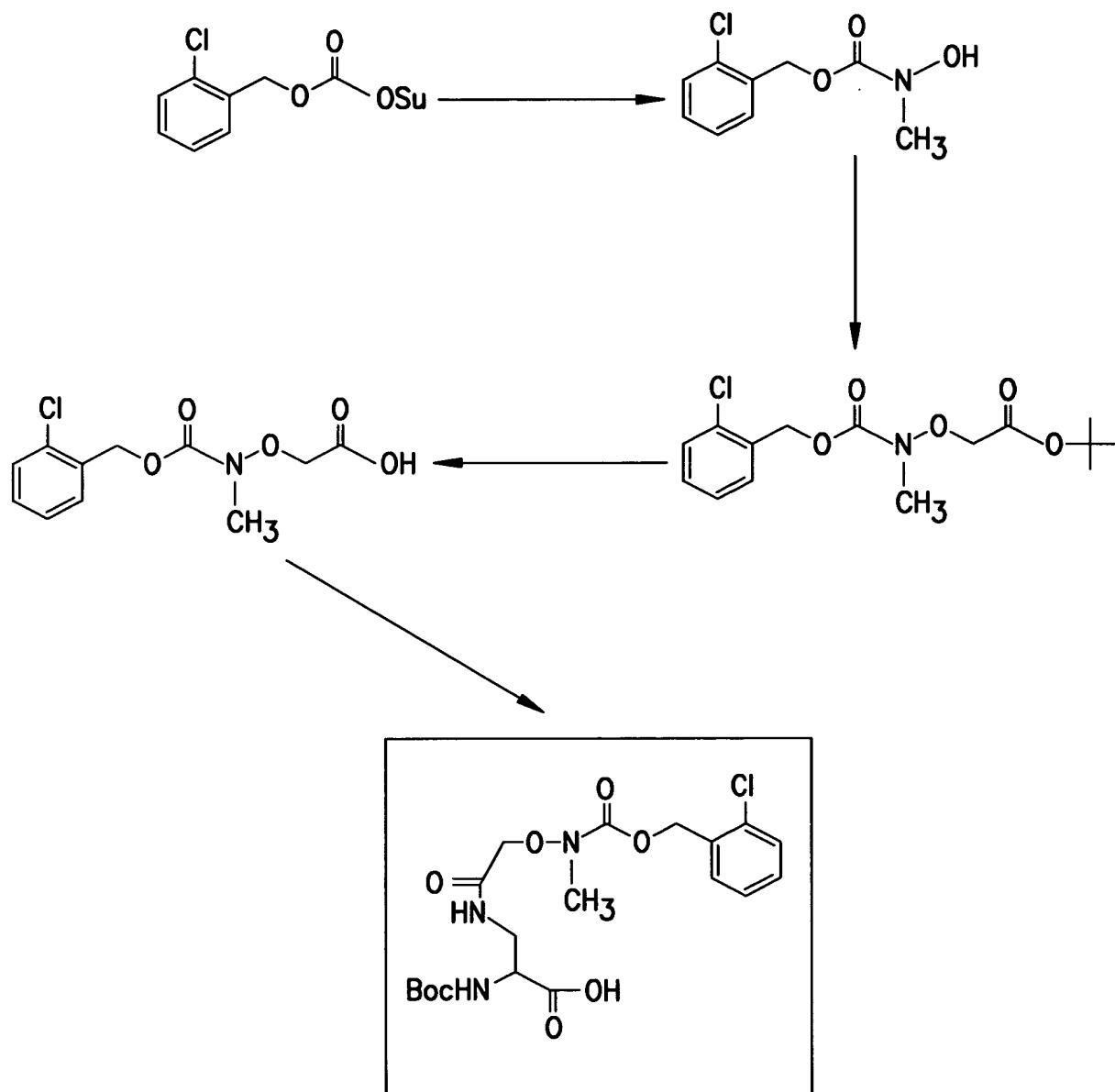


FIG. 4

5/20

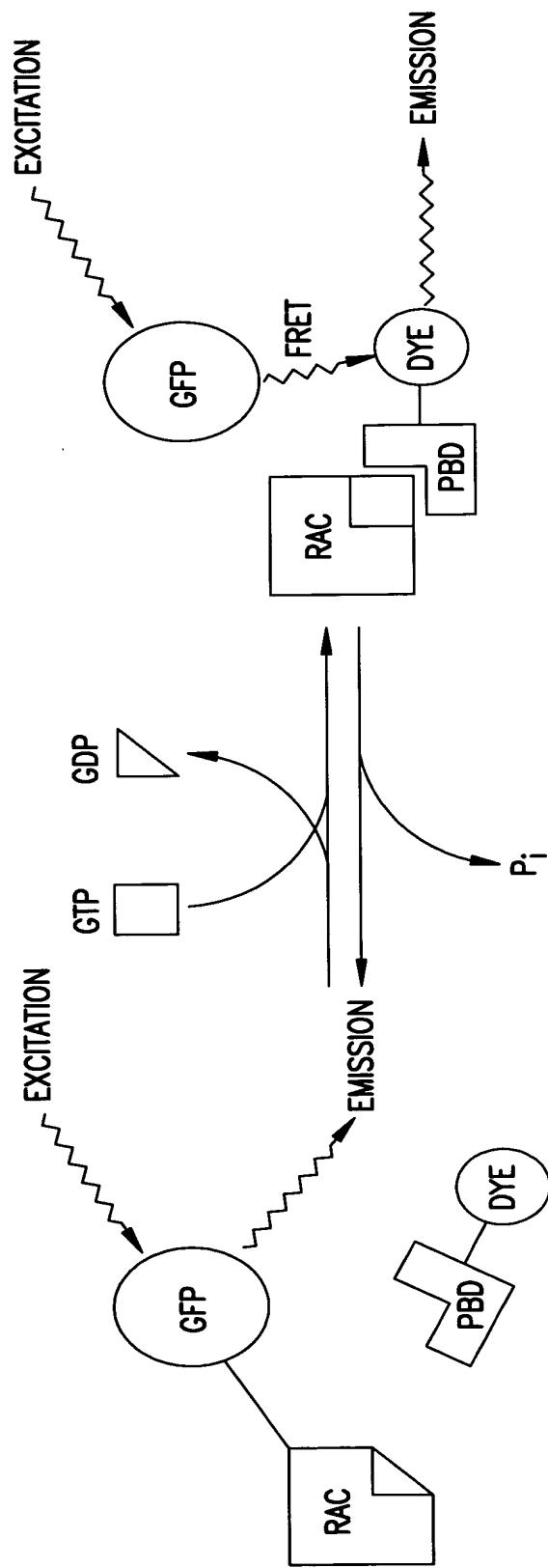


FIG. 5

6/20

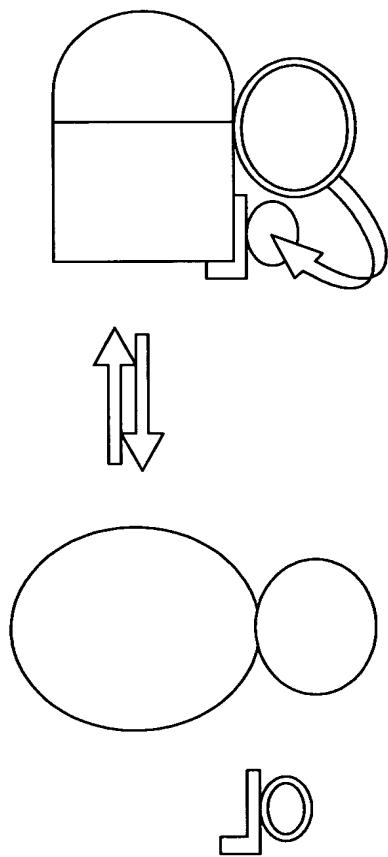


FIG. 6A

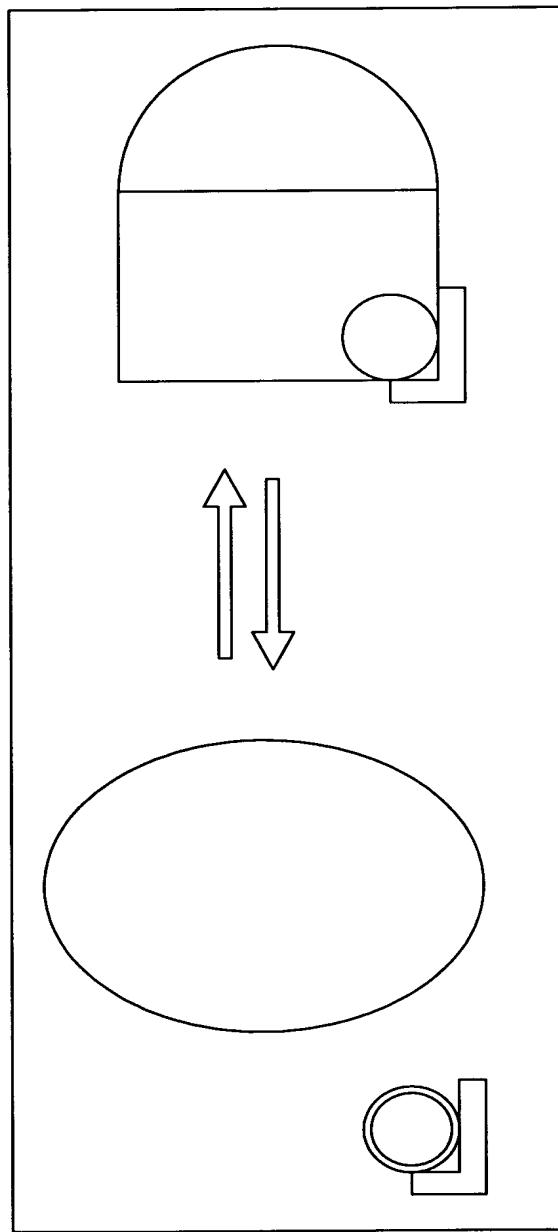


FIG. 6B

7/20

GFP-Rac to Alexa-PBD FRET

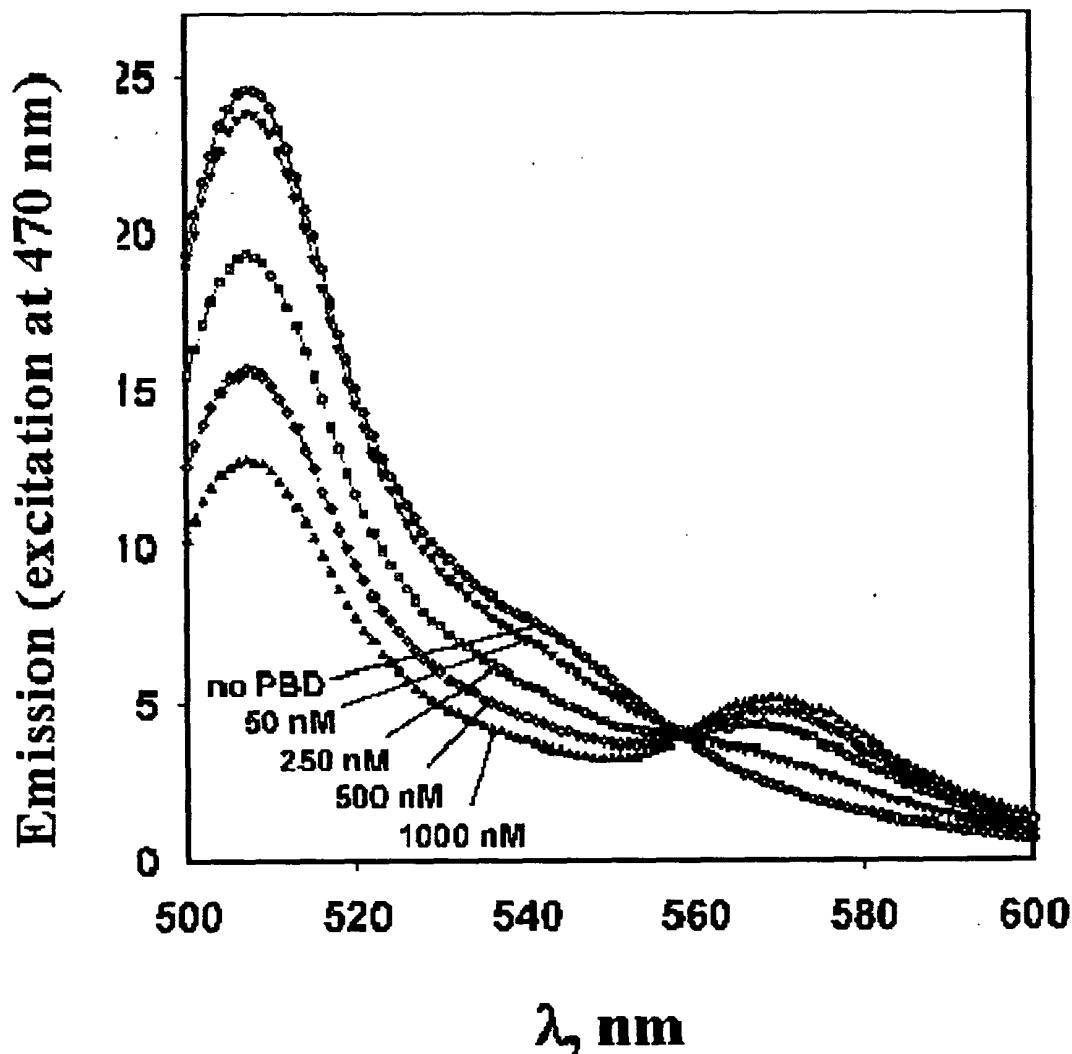


FIG. 7A

8/20

FRET response to
nucleotide state of Rac-GFP

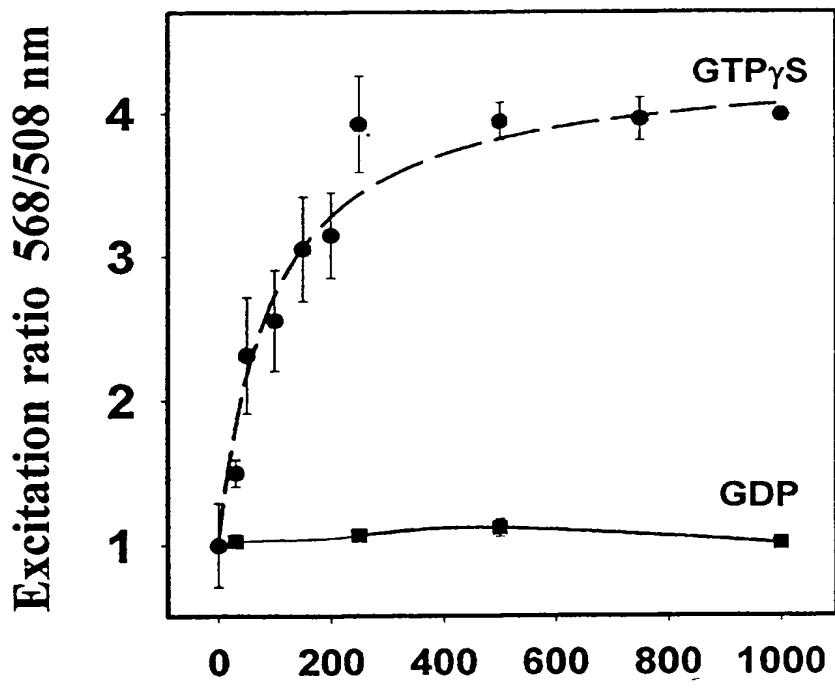


FIG. 7B

9/20

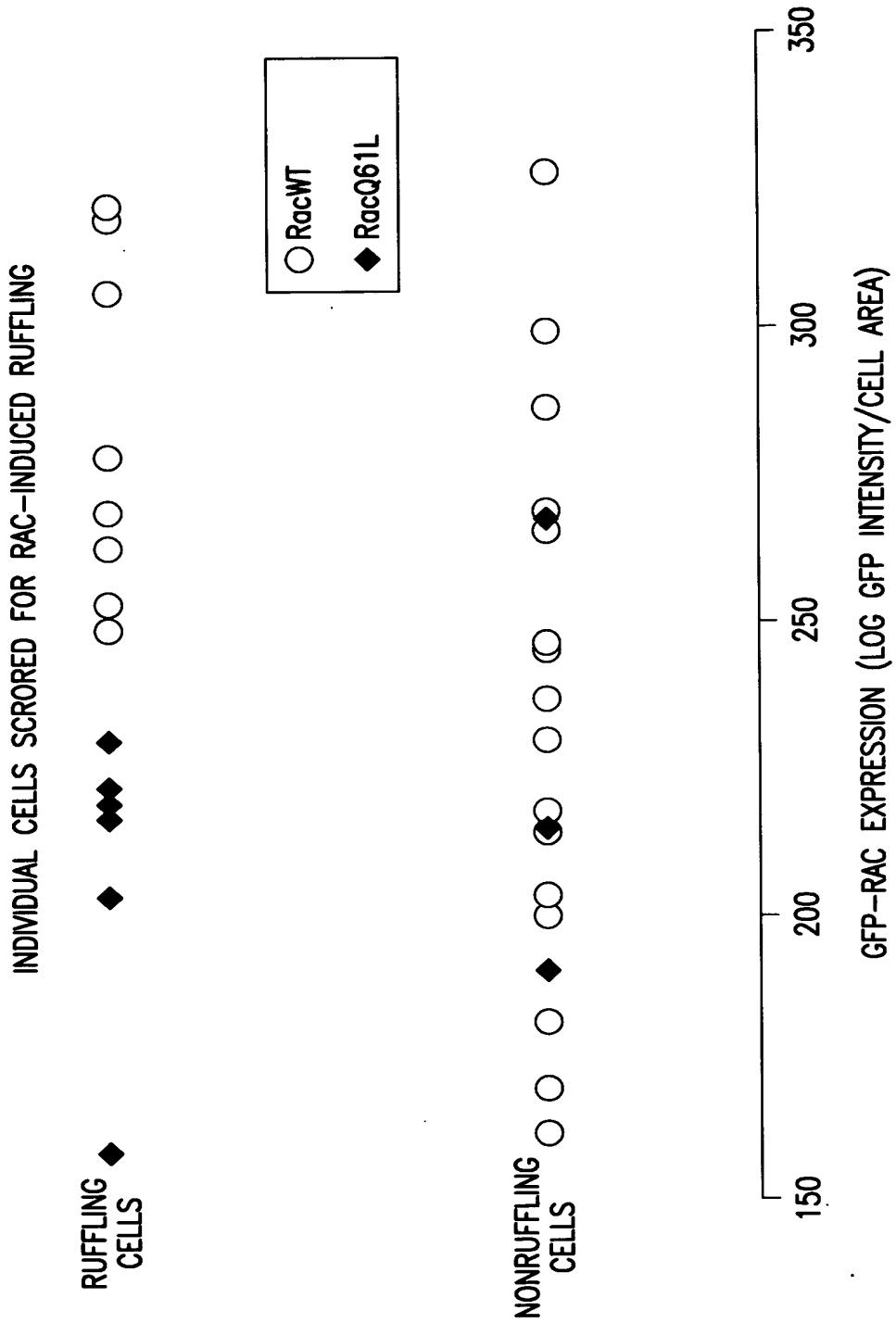


FIG. 8A

10/20

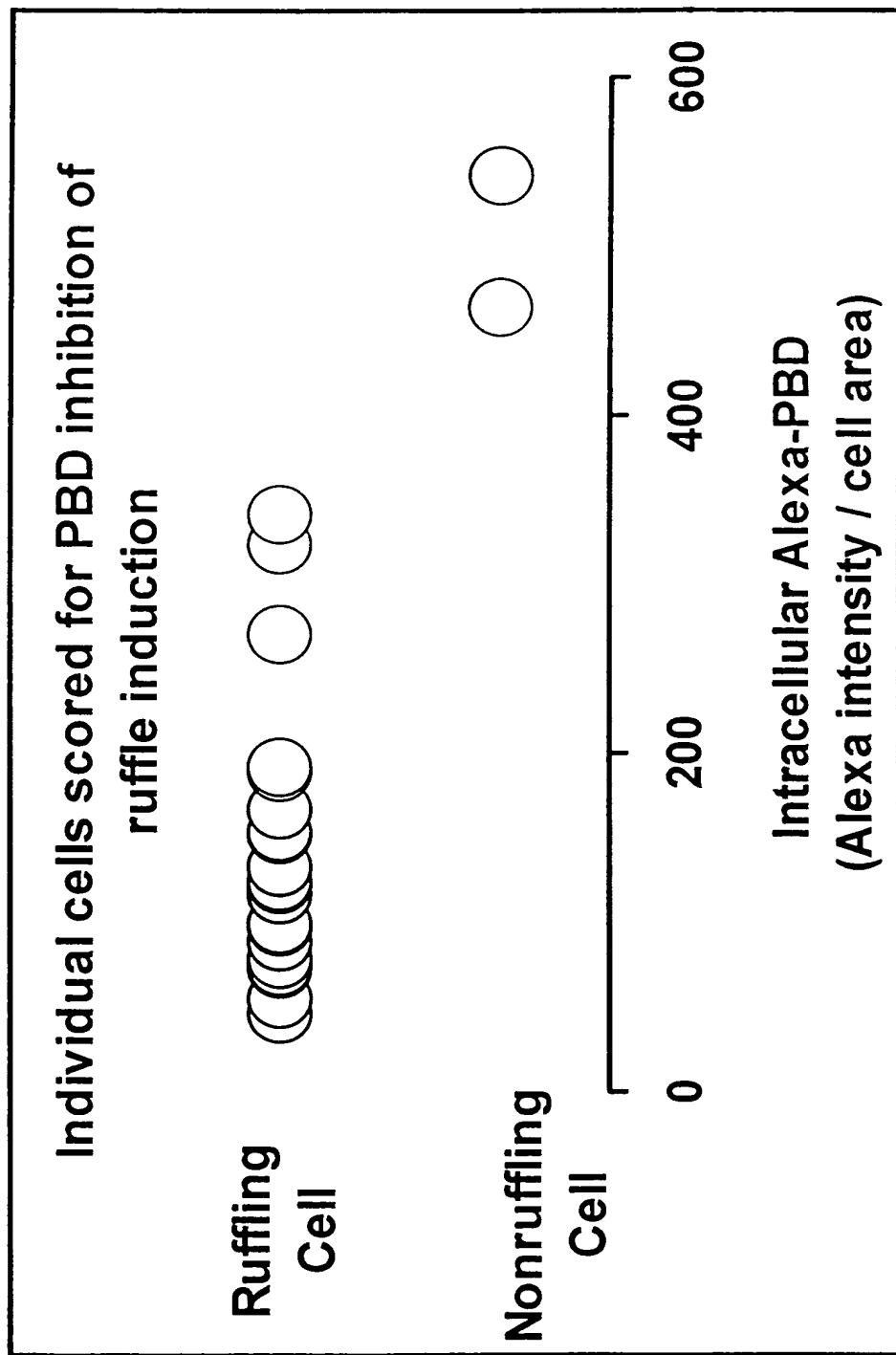


FIG. 8B

TCG230 "ZSGE360

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SERIAL NO.: 09/839,577

INTERMEDIATES USEFUL

11/20

SERUM STIMULATION OF A SWISS 3T3 FIBROBLAST

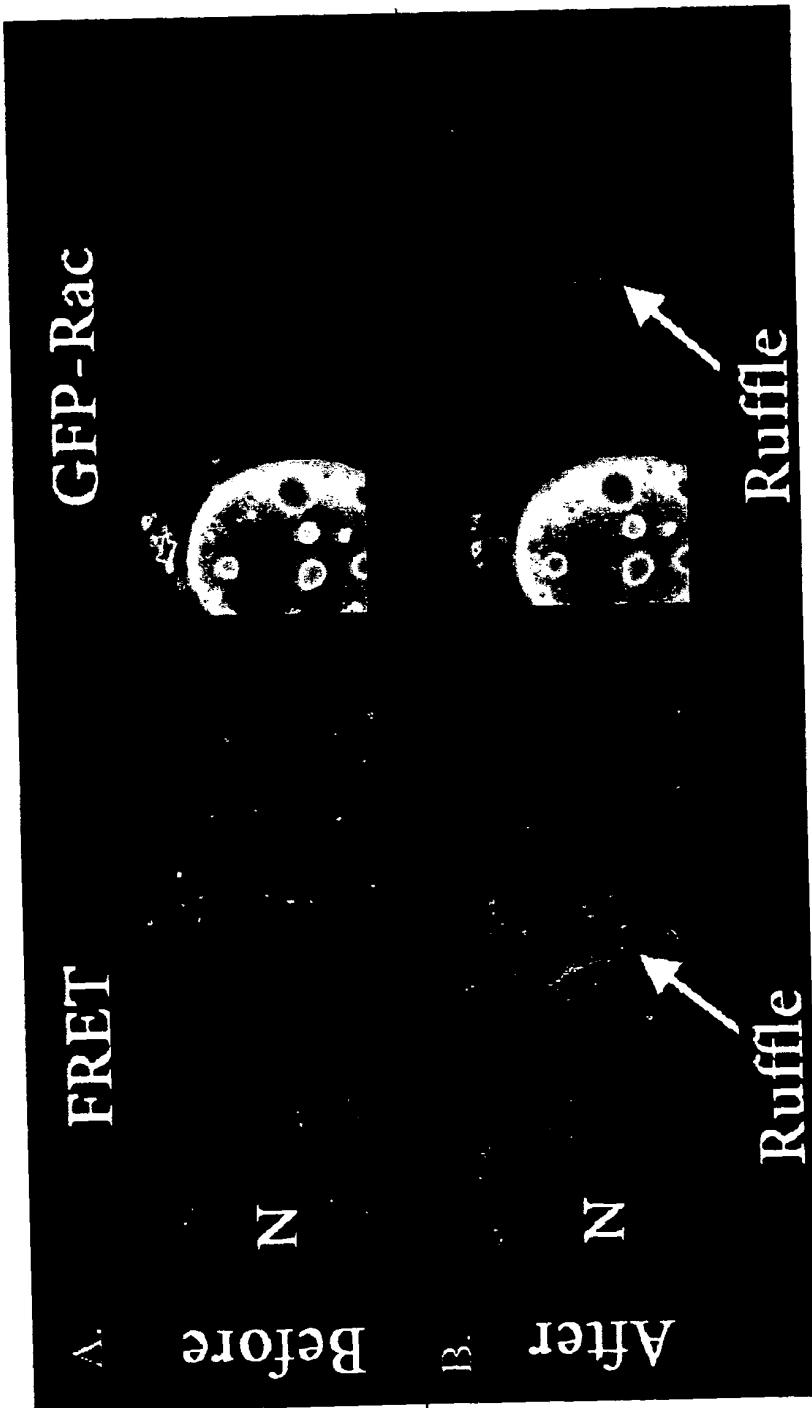


FIG. 9A

FIG. 9B

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SERIAL NO.: 09/839,577

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12/20

THE SAME RUFFLE VISUALIZED USING EITHER FRET OR Alexa-PBD LOCALIZATION:

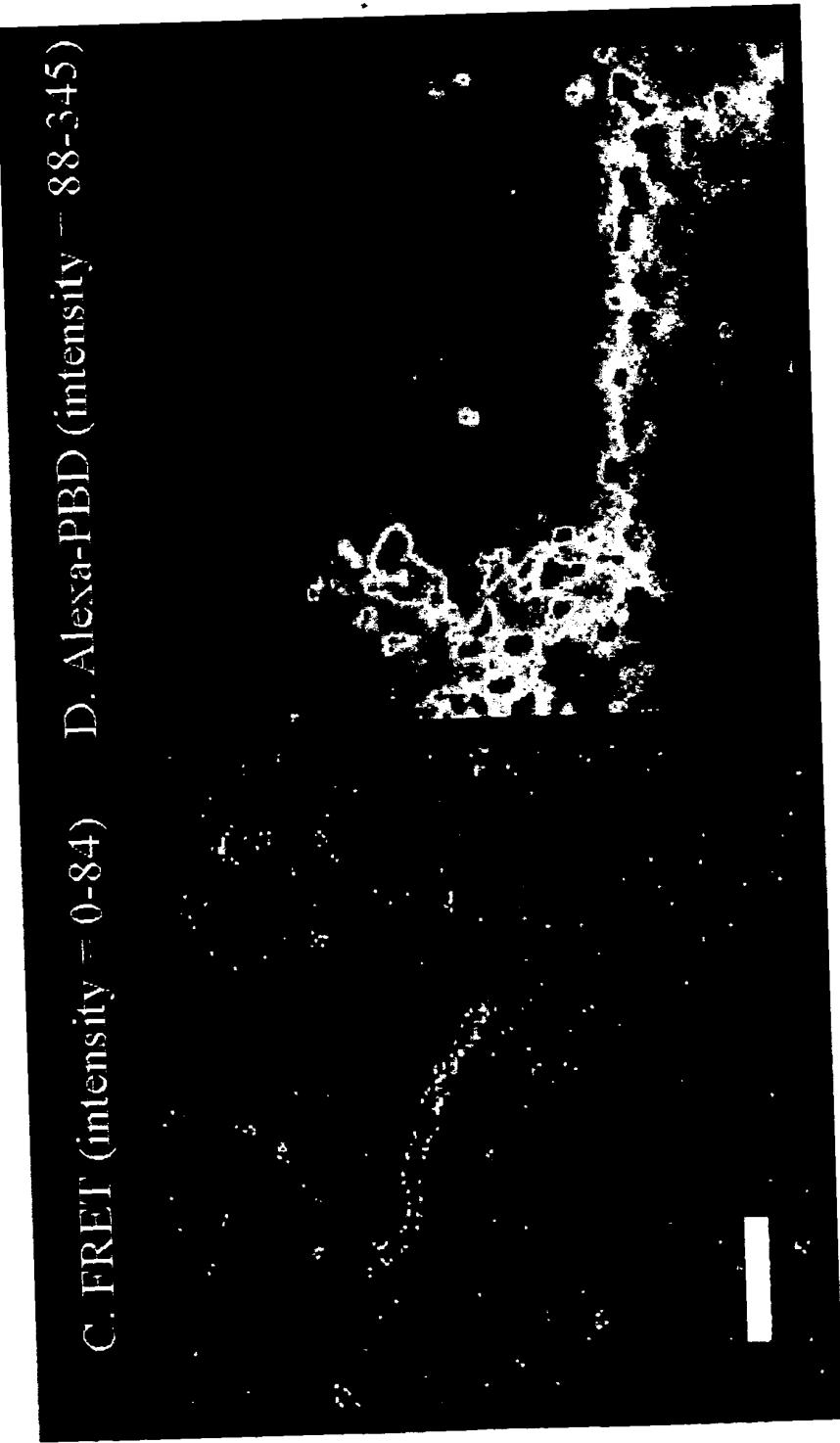


FIG. 9C

FIG. 9D

Fig. 10A: Rac-GFP

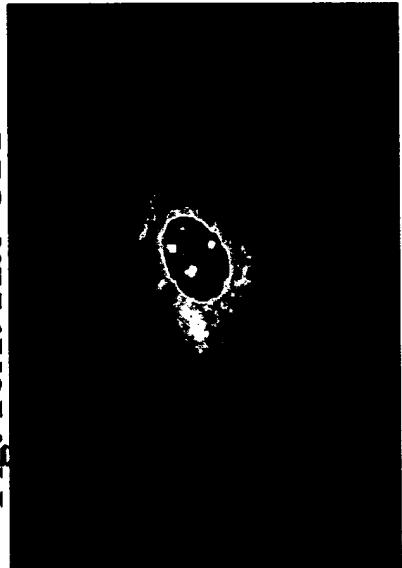
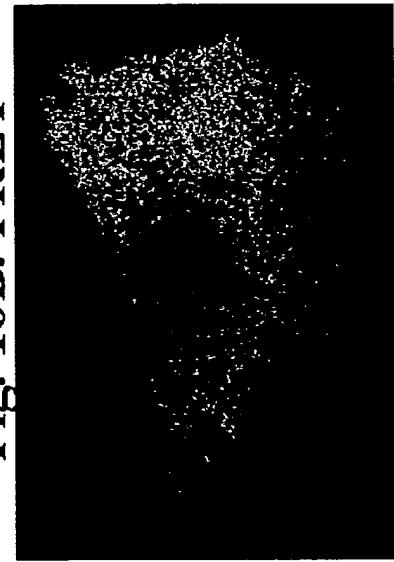


Fig. 10B. FRET



Confluent
Wound healing
monolayer

Magnitude of gradient when highest at front	$12.8 +/- 5.1 \%$	n=12
Magnitude of gradient highest at rear	$9 +/- 4 \%$	n=4

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INVENTORS NAME: Klaus M. Hahn et al.
SERIAL NO.: 09/839,577

INTERMEDIATES USEFUL

14/20

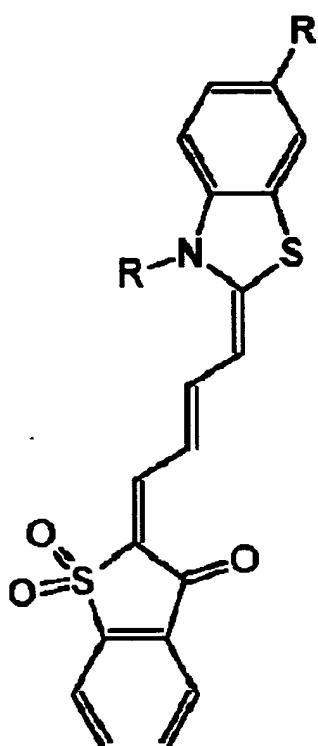


FIG. 11A

100280-A256E260

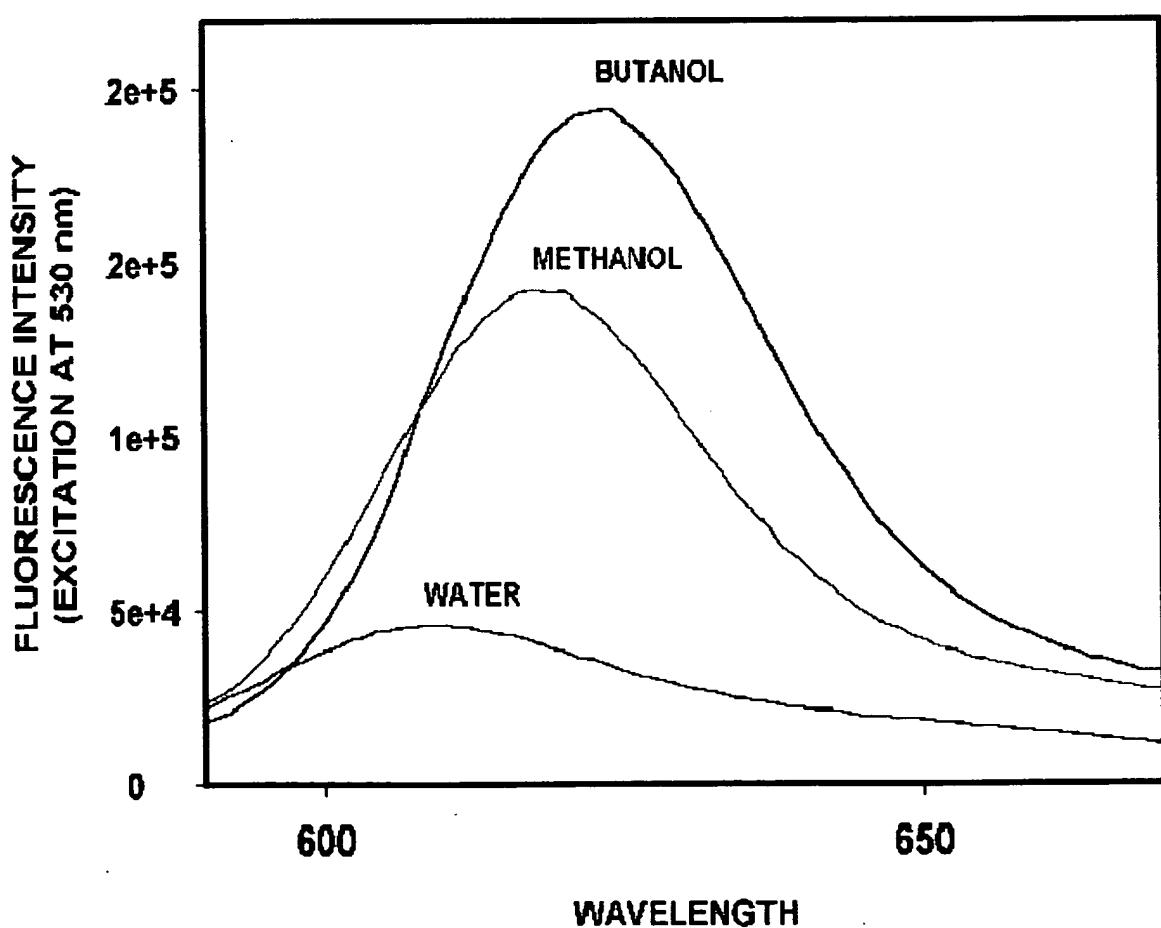


FIG. 11B

15/20

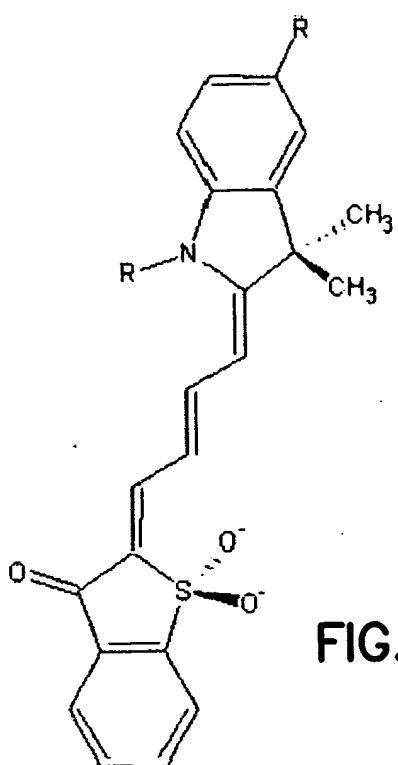


FIG. 12A

100280 " 34566860

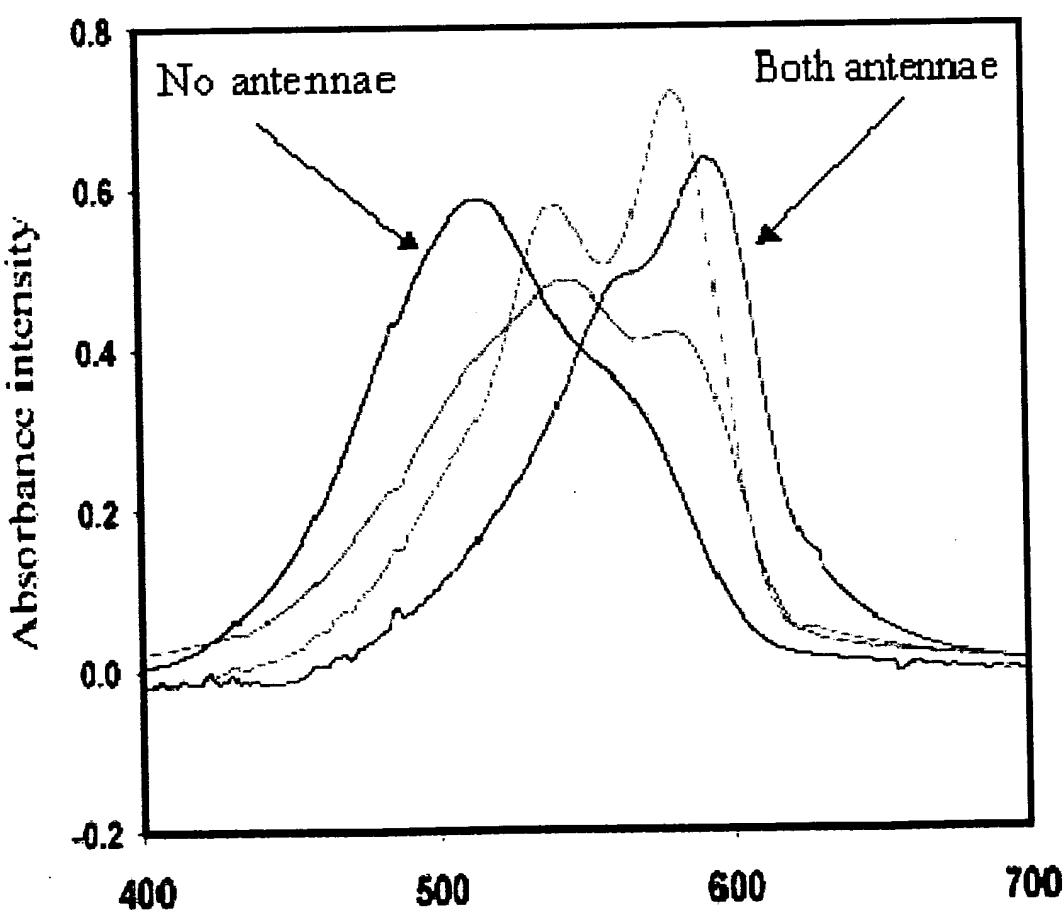


FIG 12B

Wavelength, nm

16/20

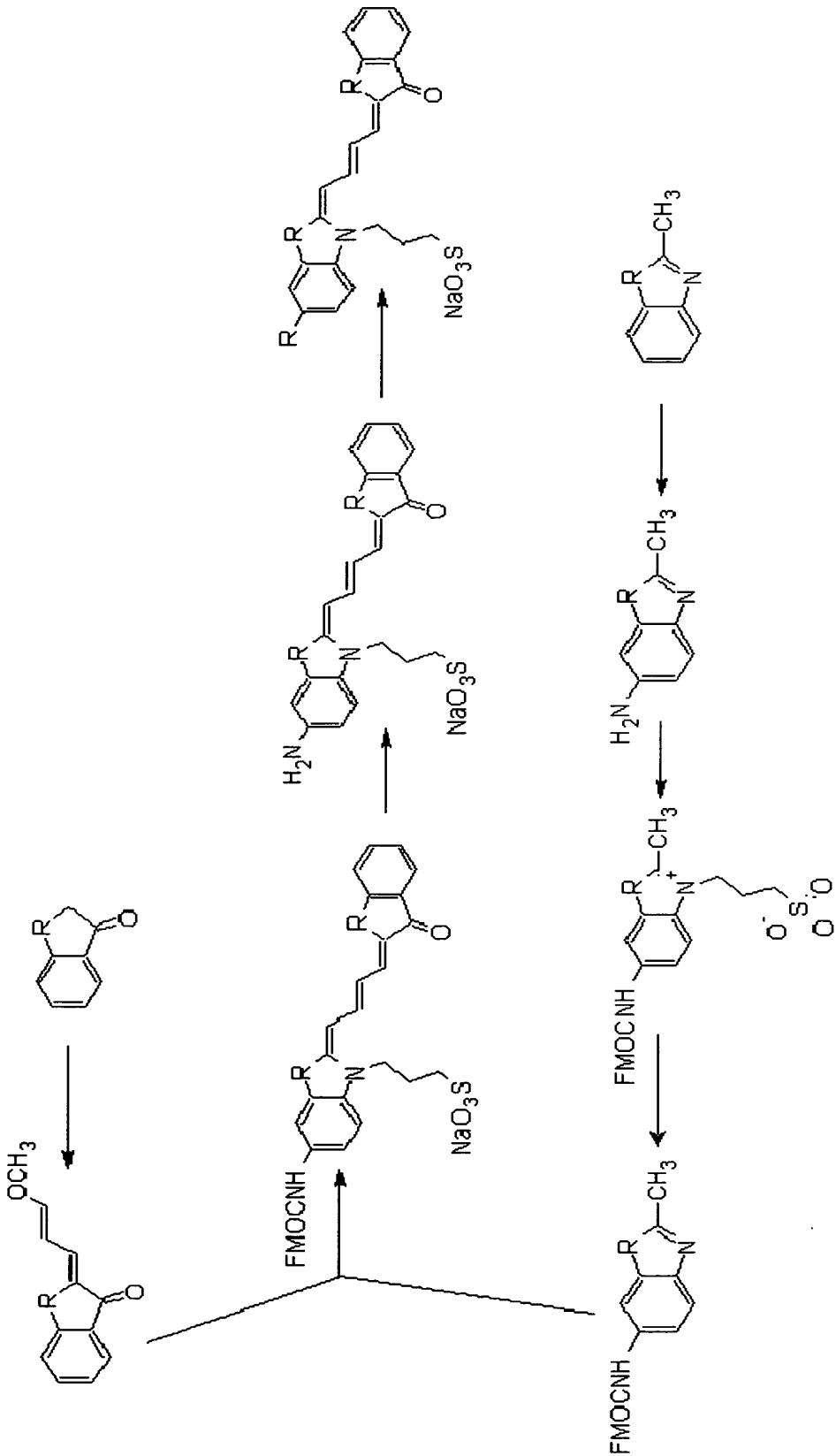


FIG. 13

17/20

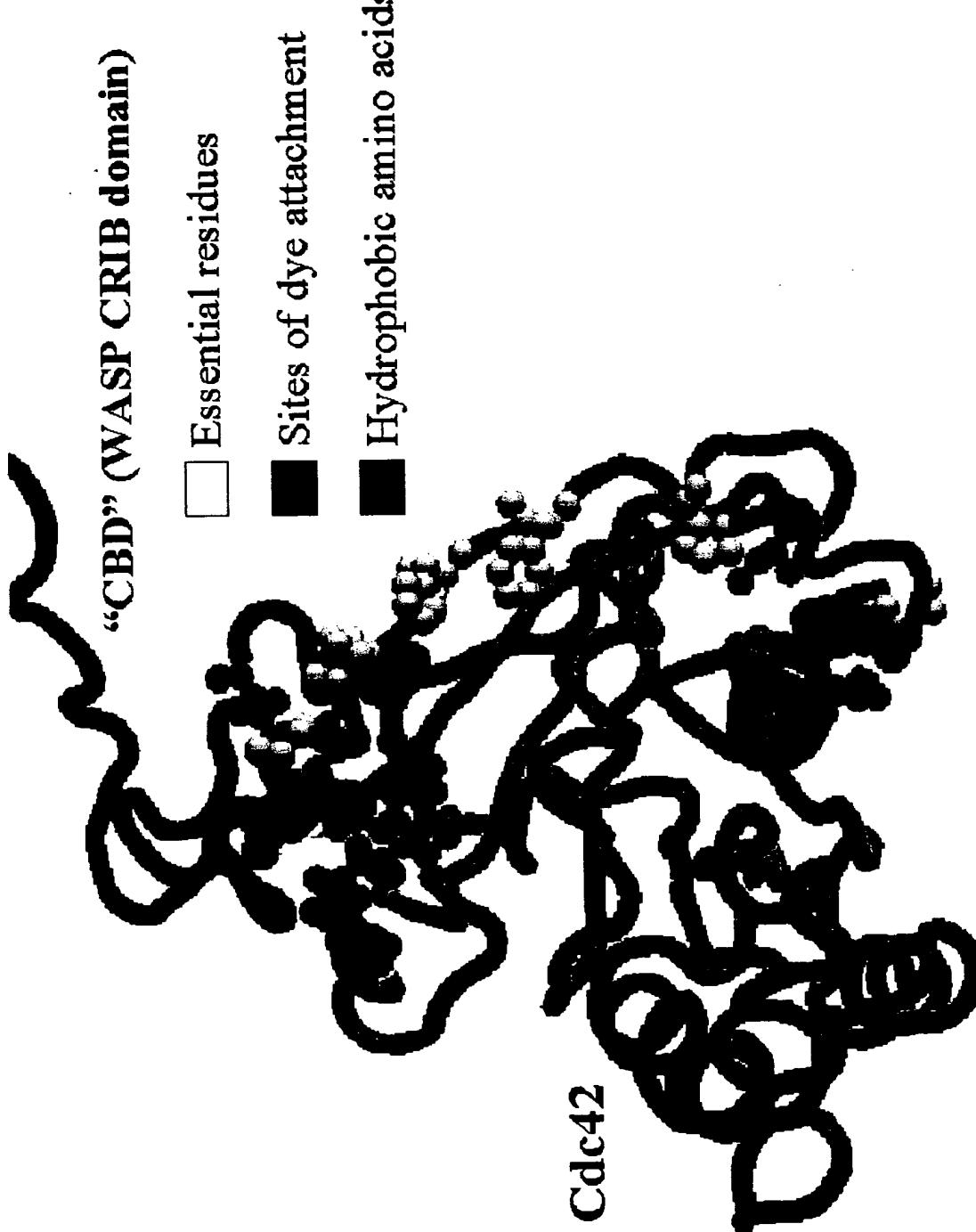


FIG. 14

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FOR THEIR PREPARATION

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SERIAL NO.: 09/839,577

18/20

Fluorescence of Mero-CBD responds to Cdc42 binding

TC022800 "Z" 25000000000

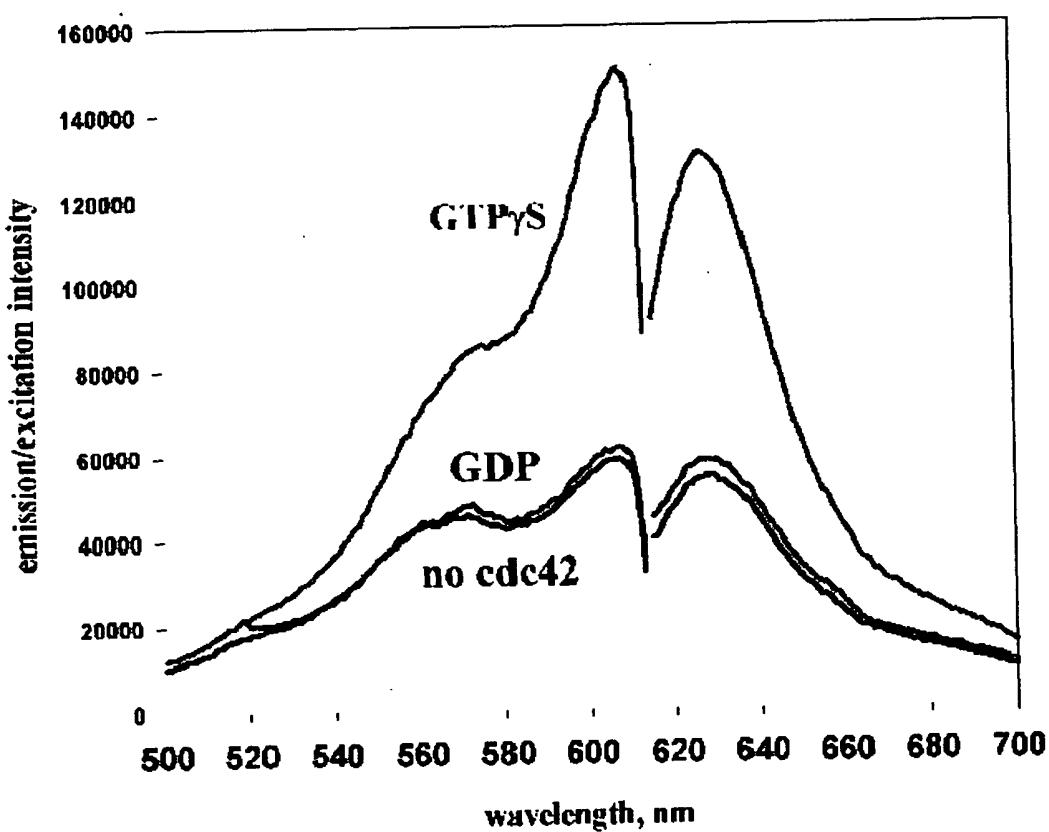


FIG. 15

19/20

Mero-CBD in neutrophil lysates

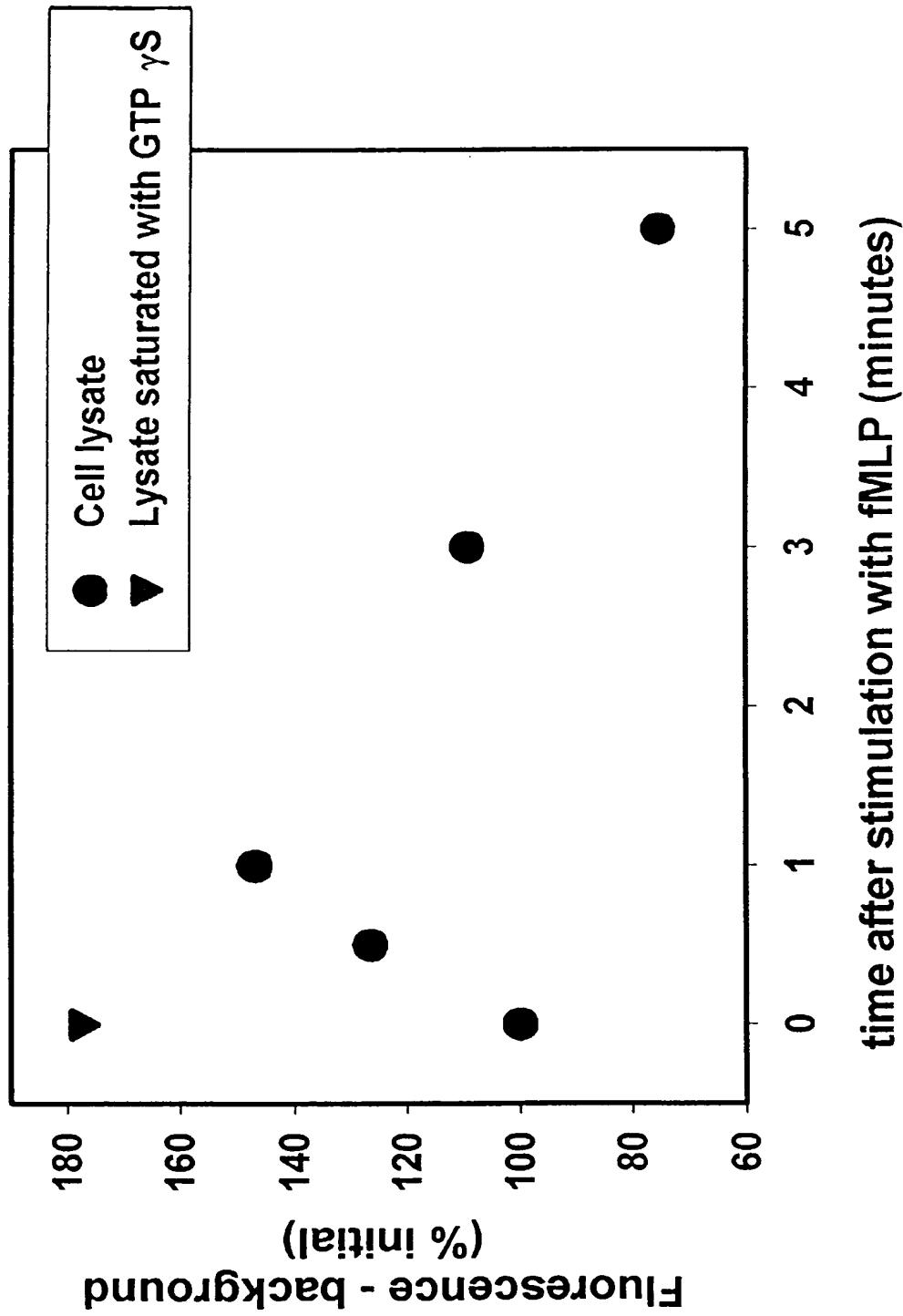


FIG. 16

FOR THEIR PREPARATION
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SERIAL NO.: 09/839,577

20/20

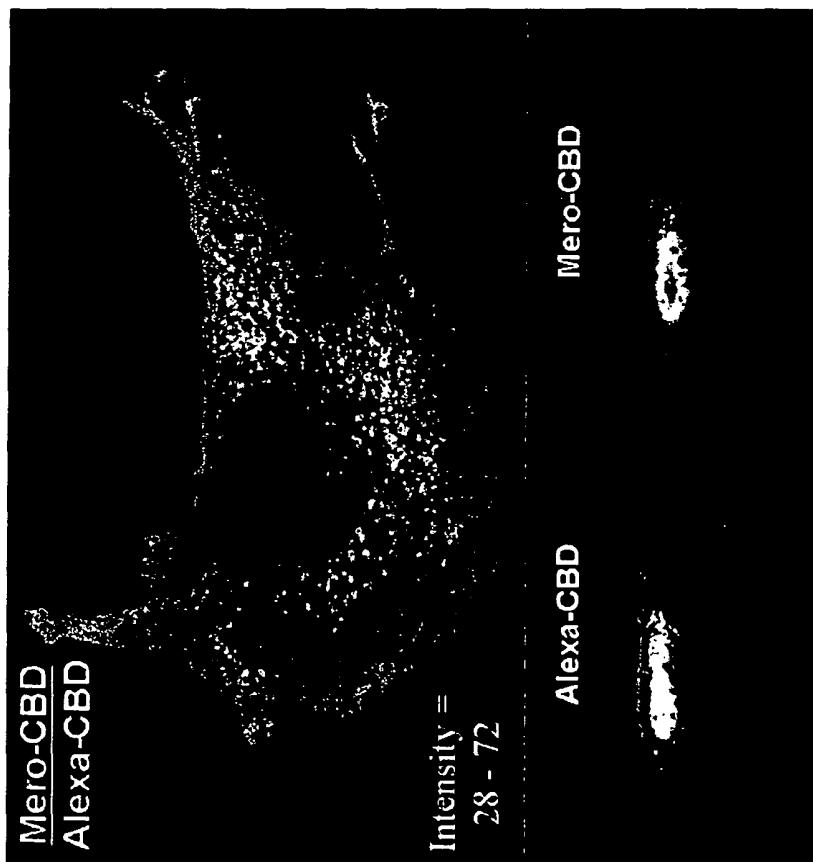


FIG. 17